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Immunoblotting
Azospirillum; Serotyping; Colloidal gold (Bogatyrev, V.A. (96) 115)

Insensitive mutant
Bacteriophage; Plasmid; *Lactococcus* (Harrington, A. (96) 135)

Intracellular bacterial parasite
Sarcobium lyticum; *Legionella*; 16S rRNA; Phylogeny; Identification, in situ (Springer, N. (96) 199)

Intracellular pH
Clover; In vivo ^{31}P-NMR; Nodulation; Rhizobium (Oliveira, A.P. (96) 119)

In vivo ^{31}P-NMR
Clover; Intracellular pH; Nodulation; Rhizobium (Oliveira, A.P. (96) 119)

Kdo transferase
Chlamydia; Lipopolysaccharide (Ekpo, P. (96) 49)

Killer stability
Double-stranded RNA; Electroinjection; *Saccharomyces cerevisiae*; *Saccharomyces carlsbergensis* (Salek, A. (96) 103)

Klebsiella pneumoniae
Extended-spectrum β-lactamases; Aerobactin; Mucoid phenotype; Virulence factors (Vernet, V. (96) 1)

Lactococci
Plasmid stability; Glucose fermentation; Lactose fermentation; Citrate metabolism (Smith, M.R. (96) 7)

Lactococcus
Bacteriophage; Plasmid; Insensitive mutant (Harrington, A. (96) 135)

Lactose fermentation
Lactococci; Plasmid stability; Glucose fermentation; Citrate metabolism (Smith, M.R. (96) 7)

Legionella
Intracellular bacterial parasite; *Sarcobium lyticum*; 16S rRNA; Phylogeny; Identification, in situ (Springer, N. (96) 199)

Leishmania major
Leishmania tarentolae; Glycoprotein gp63 gene; Promastigote surface protease (Campbell, D.A. (96) 89)

Leishmania tarentolae
Leishmania major; Glycoprotein gp63 gene; Promastigote surface protease (Campbell, D.A. (96) 89)

Leptospirillum ferrooxidans
Thiobacillus ferrooxidans; Chemosensory system; Protein methylation (Acuña, J. (96) 37)

Lipid
Fatty acid; Avermectin; *Streptomyces avermitilis* (Řezanka, T. (96) 31)

Lipopolysaccharide
Chlamydia; Kdo transferase (Ekpo, P. (96) 49)

Pseudomonas pseudomallei; Melioidosis (Kawahara, K. (96) 129)

Listeria monocytogenes
23S rRNA; tRNA; Nucleotide sequence (Thompson, D.E. (96) 219)

Low copy number plasmid
Recombinant DNA; Hygromycin B-resistance; Gene library; *pur* Cluster; *Streptomyces* (Tercero, J.A. (96) 203)

Lymphocyte
Chorionic gonadotropin; HIV transmission; Monocyte; Trophoblast (Bourinbaiar, A.S. (96) 27)

Marine bacterium
Glycine betaine; Dimethylsulfoniopropionate; Osmolyte; Catabolism (Diaz, M.R. (96) 61)

Mass spectrometry
Acetylene-block technique; Denitrification; Nitrous oxide; *Pseudomonas nautica*; Sulfide (Jensen, K.M. (96) 13)

Melioidosis
Pseudomonas pseudomallei; Lipopolysaccharide (Kawahara, K. (96) 129)

Metal ion catalysis
Ampicillin; Hydrolysis of ampicillin; Copper; Zinc; Cobalt; Cadmium (Beard, S.J. (96) 207)

Methanosarcina thermophila
Trichloroethylene; Reductive dechlorination; Carbon monoxide dehydrogenase; Factor III (Jablonski, P.E. (96) 55)

3-Methyldiphenyl ether
Biodegradation; Dioxygenolytic ether cleavage; *Ortho* ring fission; Unproductive side-chain oxidation; *Sphingomonas* sp. SS31 (Schmidt, S. (96) 253)

Molecular systematics
Clostridium estertheticum sp. nov.; rRNA; Psychrophile; Beef spoilage (Collins, M.D. (96) 235)

Monocyte
Chorionic gonadotropin; HIV transmission; Lymphocyte; Trophoblast (Bourinbaiar, A.S. (96) 27)

Mucoid phenotype
Extended-spectrum β-lactamases; Aerobactin; Virulence factors; *Klebsiella pneumoniae* (Vernet, V. (96) 1)

Mycobacterium bovis
Repetitive DNA; Pathogenicity (Doran, T.J. (96) 179)

NADH dehydrogenase
Alcaligenes eutrophus H16; Electron transport; Hydrogenase mutant (Kömen, R. (96) 173)

Necrotizing factor
Escherichia coli; Toxins; Virulence (Blanco, J. (96) 155)

Neisseria meningitidis
Capsular polysaccharide biosynthesis; *N*-Acetylneuraminic acid; CMP-NeuNAc synthetase (Edwards, U. (96) 161)

Nitrous oxide
Acetylene-block technique; Denitrification; Mass spectrometry; *Pseudomonas nautica*; Sulfide (Jensen, K.M. (96) 13)

Nodulation
Clover; Intracellular pH; In vivo ^{31}P-NMR; Rhizobium (Oliveira, A.P. (96) 119)

Nucleotide sequence
Listeria monocytogenes; 23S rRNA; tRNA (Thompson, D.E. (96) 219)

Clostridium botulinum; Type F neurotoxin; Polymerase chain reaction (East, A.K. (96) 225)

***Ortho* ring fission**
3-Methyldiphenyl ether; Biodegradation; Dioxygenolytic ether cleavage; Unproductive side-chain oxidation; *Sphingomonas* sp. SS31 (Schmidt, S. (96) 253)

Osmolyte
Glycine betaine; Dimethylsulfoniopropionate; Catabolism; Marine bacterium (Diaz, M.R. (96) 61)

Osmoregulation
Choline efflux; Glycine betaine efflux; *Escherichia coli*; *Salmonella typhimurium*; ProU (Lamark, T. (96) 149)

Parasitic protozoa
Cysteine proteinase inhibitor; Cystatin (Irvine, J.W. (96) 67)

Pathogenicity
Mycobacterium bovis; Repetitive DNA (Doran, T.J. (96) 179)

Pellicle
Streptococcus mutans; *Streptococcus gordonii*; Glucosyltransferase; Cellular attachment (Hiroi, T. (96) 193)

Penicillins
Acyl-CoA ligase; Enzymatic synthesis; Pseudomonas fragi; Penicillium chrysogenum (Fernández-Valverde, M. (96) 111)

Penicillium chrysogenum
Acyl-CoA ligase; Enzymatic synthesis; Penicillins; Pseudomonas fragi (Fernández-Valverde, M. (96) 111)

PHA granule
PHA synthase; Poly(3-hydroxyalkanoic acid); Biodegradable polyester; *Rhodococcus ruber*; *Alcaligenes eutrophus* (Pieper, U. (96) 73)

PHA synthase
Poly(3-hydroxyalkanoic acid); Biodegradable polyester; PHA granule; *Rhodococcus ruber*; *Alcaligenes eutrophus* (Pieper, U. (96) 73)

Phylogeny
Intracellular bacterial parasite; *Sarcobium lyticum*; *Legionella*; 16S rRNA; Identification, in situ (Springer, N. (96) 199)

Afipia; *Bradyrhizobium*; *Blastobacter*; 16S rRNA (Willems, A. (96) 241)

Plasmid
Bacteriophage; Insensitive mutant; *Lactococcus* (Harrington, A. (96) 135)

Plasmid excision
Streptomyces aureofaciens; *Streptomyces lividans*; DNA amplification (Pristaš, P. (96) 167)

Plasmids
Bacillus thuringiensis; Replication of plasmids (Baum, J.A. (96) 143)

Plasmid stability
Lactococci; Glucose fermentation; Lactose fermentation; Citrate metabolism (Smith, M.R. (96) 7)

Poly(3-hydroxyalkanoic acid)
PHA synthase; Biodegradable polyester; PHA granule; *Rhodococcus ruber*; *Alcaligenes eutrophus* (Pieper, U. (96) 73)

Polymerase chain reaction
Clostridium botulinum; Type F neurotoxin; Nucleotide sequence (East, A.K. (96) 225)

Promastigote surface protease
Leishmania major; *Leishmania tarentolae*; Glycoprotein gp63 gene (Campbell, D.A. (96) 89)

Protein methylation
Leptospirillum ferrooxidans; *Thiobacillus ferrooxidans*; Chemosensory system (Acuña, J. (96) 37)

ProU
Choline efflux; Glycine betaine efflux; Osmoregulation; *Escherichia coli*; *Salmonella typhimurium* (Lamark, T. (96) 149)

***Pseudomonas cepacia* strain JH230**
Chlorotoluenes; *Pseudomonas putida* strain PaW1; *Pseudomonas* sp. strain B13; Hybrid strain; Strain construction; Enzyme specificity (Brinkmann, U. (96) 81)

Pseudomonas fragi
Acyl-CoA ligase; Enzymatic synthesis; Penicillins; Penicillium chrysogenum (Fernández-Valverde, M. (96) 111)

Pseudomonas nautica
Acetylene-block technique; Denitrification; Mass spectrometry; Nitrous oxide; Sulfide (Jensen, K.M. (96) 13)

Pseudomonas pseudomallei
Melioidosis; Lipopolysaccharide (Kawahara, K. (96) 129)

***Pseudomonas putida* strain PaW1**
Chlorotoluenes; *Pseudomonas* sp. strain B13; *Pseudomonas cepacia* strain JH230; Hybrid strain; Strain construction; Enzyme specificity (Brinkmann, U. (96) 81)

***Pseudomonas* sp. strain B13**
Chlorotoluenes; *Pseudomonas putida* strain PaW1; *Pseudomonas cepacia* strain JH230; Hybrid strain; Strain construction; Enzyme specificity (Brinkmann, U. (96) 81)

Psychrophile
Clostridium estertheticum sp. nov.; Molecular systematics; rRNA; Beef spoilage (Collins, M.D. (96) 235)

Recombinant DNA
Hygromycin B-resistance; Gene library; *pur* Cluster; Low copy number plasmid; *Streptomyces* (Tercero, J.A. (96) 203)

Reductive dechlorination
Trichloroethylene; Carbon monoxide dehydrogenase; *Methanosarcina thermophila*; Factor III (Jablonski, P.E. (96) 55)

Renibacterium salmoninarum
Bacterial kidney disease; Fish pathogen; Antigen; Soluble antigen; Repeated sequence (Chien, M.-S. (96) 259)

Repeated sequence
Renibacterium salmoninarum; Bacterial kidney disease; Fish pathogen; Antigen; Soluble antigen (Chien, M.-S. (96) 259)

Repetitive DNA
Mycobacterium bovis; Pathogenicity (Doran, T.J. (96) 179)

Replication of plasmids
Plasmids; *Bacillus thuringiensis* (Baum, J.A. (96) 143)

Rhizobium
Clover; Intracellular pH; In vivo ^{31}P-NMR; Nodulation (Oliveira, A.P. (96) 119)

Rhodococcus ruber
PHA synthase; Poly(3-hydroxyalkanoic acid); Biodegradable polyester; PHA granule; *Alcaligenes eutrophus* (Pieper, U. (96) 73)

rRNA
Clostridium estertheticum sp. nov.; Molecular systematics; Psychrophile; Beef spoilage (Collins, M.D. (96) 235)

16S rRNA
Intracellular bacterial parasite; *Sarcobium lyticum*; *Legionella*; Phylogeny; Identification, in situ (Springer, N. (96) 199)

Afipia; *Bradyrhizobium*; *Blastobacter*; Phylogeny (Willems, A. (96) 241)

23S rRNA
Listeria monocytogenes; tRNA; Nucleotide sequence (Thompson, D.E. (96) 219)

tRNA
Listeria monocytogenes; 23S rRNA; Nucleotide sequence (Thompson, D.E. (96) 219)

Saccharomyces carlsbergensis
Double-stranded RNA; Electroinjection; Killer stability; *Saccharomyces cerevisiae* (Salek, A. (96) 103)

Saccharomyces cerevisiae
Double-stranded RNA; Electroinjection; Killer stability; *Saccharomyces carlsbergensis* (Salek, A. (96) 103)

Salmonella typhimurium
Choline efflux; Glycine betaine efflux; Osmoregulation; *Escherichia coli*; ProU (Lamark, T. (96) 149)

Sarcobium lyticum
Intracellular bacterial parasite; *Legionella*; 16S rRNA; Phylogeny; Identification, in situ (Springer, N. (96) 199)

Serotyping
Azospirillum; Immunoblotting; Colloidal gold (Bogatyrev, V.A. (96) 115)

Site-specific DNA modification
Streptomyces lividans; Electrophoresis; Tris (Ray, T. (96) 247)

Soluble antigen
Renibacterium salmoninarum; Bacterial kidney disease; Fish pathogen; Antigen; Repeated sequence (Chien, M.-S. (96) 259)

***Sphingomonas* sp. SS31**
3-Methyldiphenyl ether; Biodegradation; Dioxygenolytic ether cleavage; *Ortho* ring fission; Unproductive side-chain oxidation (Schmidt, S. (96) 253)

Strain construction
Chlorotoluenes; *Pseudomonas putida* strain PaW1; *Pseudomonas* sp. strain B13; *Pseudomonas cepacia* strain JH230; Hybrid strain; Enzyme specificity (Brinkmann, U. (96) 81)

Streptococcus gordonii
Streptococcus mutans; Glucosyltransferase; Cellular attachment; Pellicle (Hiroi, T. (96) 193)

Streptococcus mutans
Streptococcus gordonii; Glucosyltransferase; Cellular attachment; Pellicle (Hiroi, T. (96) 193)

Streptomyces
Recombinant DNA; Hygromycin B-resistance; Gene library; *pur* Cluster; Low copy number plasmid (Tercero, J.A. (96) 203)

Streptomyces aureofaciens
Streptomyces lividans; DNA amplification; Plasmid excision (Pristaš, P. (96) 167)

Streptomyces avermitilis
Lipid; Fatty acid; Avermectin (Řezanka, T. (96) 31)

Streptomyces lividans
Streptomyces aureofaciens; DNA amplification; Plasmid excision (Pristaš, P. (96) 167)

Electrophoresis; Site-specific DNA modification; Tris (Ray, T. (96) 247)

Sulfide
Acetylene-block technique; Denitrification; Mass spectrometry; Nitrous oxide; *Pseudomonas nautica* (Jensen, K.M. (96) 13)

Sulfur reduction
Thermotoga; Glucose fermentation; Hydrogen; End product inhibition (Janssen, P.H. (96) 213)

Thermotoga
Glucose fermentation; Hydrogen; Sulfur reduction; End product inhibition (Janssen, P.H. (96) 213)

Thiobacillus ferrooxidans
Leptospirillum ferrooxidans; Chemosensory system; Protein methylation (Acuña, J. (96) 37)

Toxins
Escherichia coli; Necrotizing factor; Virulence (Blanco, J. (96) 155)

Trichloroethylene
Reductive dechlorination; Carbon monoxide dehydrogenase; *Methanosarcina thermophila*; Factor III (Jablonski, P.E. (96) 55)

Tris
Streptomyces lividans; Electrophoresis; Site-specific DNA modification (Ray, T. (96) 247)

Trophoblast
Chorionic gonadotropin; HIV transmission; Lymphocyte; Monocyte (Bourinbaiar, A.S. (96) 27)

Type F neurotoxin
Clostridium botulinum; Nucleotide sequence; Polymerase chain reaction (East, A.K. (96) 225)

Unproductive side-chain oxidation
3-Methyldiphenyl ether; Biodegradation; Dioxygenolytic ether cleavage; *Ortho* ring fission; *Sphingomonas* sp. SS31 (Schmidt, S. (96) 253)

Virulence
Escherichia coli; Necrotizing factor; Toxins (Blanco, J. (96) 155)

Virulence factors
Extended-spectrum β-lactamases; Aerobactin; Mucoid phenotype; *Klebsiella pneumoniae* (Vernet, V. (96) 1)

Xylanase
Arthrographis sp.; Enzyme characterization (Okeke, B.C. (96) 43)

Zinc
Ampicillin; Hydrolysis of ampicillin; Metal ion catalysis; Copper; Cobalt; Cadmium (Beard, S.J. (96) 207)

Zymomonas mobilis
DNA ligase; Genetic complementation; Codon usage (Shark, K.B. (96) 19)

Zymotype
Acinetobacter; Esterase; Biotype; Epidemiology (Pouëdras, P. (96) 125)